



# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

~~~		PCT	٦	10/531908
ansi	INTERNATIO	NAL PRELIMINARY		
anslation	MIEMMIO	(PCT Article 36 and		
Applicant's or agent's file	reference	(ICI Attote 30 mil		ation of Transmittal of Internat
W1.2132F	į.	FOR FURTHER ACTION		Examination Report (Form PCT/IPEA/
International application l	i	International filing date (day/		Priority date (day/month/year)
PCT/DE2003/		20 October 2003 (20. ional classification and IPC	10.2003)	19 October 2002 (19.10.200
B65H 23/00	inication (Ir C) of had	ional classification and it o		
Applicant	KOENI	G & BAUER AKTIEN	GESELLSCE	HAFT
1. This internation	al preliminary exam	ination report has been pre	pared by this	International Preliminary Examining
Authority and is	transmitted to the app	plicant according to Article 3	6.	
2. This REPORT of	onsists of a total of _	4 sheets, includ	ing this cover sh	heet.
This repo	ort is also accompanie	ed by ANNEXES, i.e., sheets	of the descripti	ion, claims and/or drawings which have ctifications made before this Authorit
		07 of the Administrative Inst		
These an	nexes consist of a tot	al of sheets.		
3. This report conta	ains indications relation	ng to the following items:		
1	Basis of the report			
п	Priority			
п 🗆	Priority	of opinion with regard to nov	elty, inventive s	step and industrial applicability
	Priority	_	elty, inventive s	step and industrial applicability
ш 🗆	Priority Non-establishment of Lack of unity of invo	ention		step and industrial applicability nventive step or industrial applicability
ш 🗆	Priority Non-establishment of Lack of unity of invo	ention under Article 35(2) with regrations supporting such staten		
ш   rv   v	Priority  Non-establishment of Lack of unity of involve Reasoned statement citations and explanations and explanations and explanations.	ention under Article 35(2) with regrations supporting such staten		
ш   rv   v   vı	Priority  Non-establishment of Lack of unity of involve Reasoned statement citations and explanate Certain documents of Certain defects in the	ention under Article 35(2) with rega ations supporting such staten	ard to novelty, i	
III	Priority  Non-establishment of Lack of unity of involve Reasoned statement citations and explanate Certain documents of Certain defects in the	ention under Article 35(2) with regrations supporting such statemented eited e international application	ard to novelty, i	
	Priority  Non-establishment of Lack of unity of involve Reasoned statement citations and explanate Certain documents of Certain defects in the Certain observations	ention under Article 35(2) with regrations supporting such statentited e international application s on the international applicat	ard to novelty, intent	nventive step or industrial applicability
III	Priority  Non-establishment of Lack of unity of involve Reasoned statement citations and explanate Certain documents of Certain defects in the Certain observations are demand	ention under Article 35(2) with regrations supporting such statemented e international application s on the international applicat	ard to novelty, intent	nventive step or industrial applicability
III	Priority  Non-establishment of Lack of unity of involve Reasoned statement citations and explanate Certain documents of Certain defects in the Certain observations	ention under Article 35(2) with regrations supporting such statemented e international application s on the international applicat	ard to novelty, intent	nventive step or industrial applicability



1. This report has been drawn on the basis of (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.):  the international application as originally filed.  the description, pages
the description, pages, as originally filed,  pages, filed with the demand,  pages, filed with the letter of
pages 3-13 , filed with the demand,  pages 1, 2, 2a , filed with the letter of 19 November 2004 (19.11.2004) ,
pages, filed with the letter of19 November 2004 (19.11.2004) ,
pages, filed with the letter of
the claims, Nos, as originally filed,
Nos, as amended under Article 19,
Nos, filed with the demand,
Nos. 1-25 , filed with the letter of 19 November 2004 (19.11.2004) ,
Nos, filed with the letter of
the drawings, sheets/fig1/3-3/3, as originally filed,
sheets/fig, filed with the demand,
sheets/fig, filed with the letter of,
sheets/fig, filed with the letter of
2. The amendments have resulted in the cancellation of:
the description, pages
the claims, Nos.
the drawings, sheets/fig
This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
4. Additional observations, if necessary:
·

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Intern application No.
PCT/DE 03/03474

	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement													
1.	Statement			-					•			·		-

Statement			
Novelty (N)	Claims	1-25	YES
	Claims		_ NO
Inventive step (IS)	Claims	1-25	YES
	Claims		_ NO
Industrial applicability (IA)	Claims	1-25	YES
	Claims		NO

### Citations and explanations

An adjustable guide element as per the preamble of independent claims 1 and 2 is disclosed by, for example, DE-A-10115916.

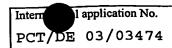
The subject matter of claims 1 and 2 differs from the known guide element by the common feature that the diameter of the apertures is <500  $\mu m$  and in each angular position of the guide element the fluid is discharged from the microapertures over the entire circumference of the guide element or is also discharged from areas not looped by the web.

The subject matter of claims 1 and 2 is therefore novel (PCT Article 33(2)).

The problem addressed by the present invention may therefore be considered that of providing a structurally simple guide element inclinable towards the web with a homogeneous air cushion and, at the same time, with low fluid losses.

The proposed solution consists in translating into practice the knowledge that, at a low volume flow,

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT



microapertures <500  $\mu m$  in diameter generate a homogeneous fluid cushion, thereby rendering redundant elaborate structures for avoiding fluid losses in the area not looped by the web.

The known prior art documents, whether considered individually or taken in combination, could not suggest a subject matter with the features of claims 1 and 2 for the indicated purpose.

Claims 1 and 2 therefore involve an inventive step and meet, as do the advantageous developments shown in dependent claims 3-25, the requirements of PCT Article 33(1) to (4).